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10/056,173	01/24/2002	Krishna Seshadri	T152	9485

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11/24/2004

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EXAMINER

LEE, CHRISTOPHER E

ART UNIT

PAPER NUMBER

2112

DATE MAILED: 11/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/056,173	Applicant(s) SESHADRI, KRISHNA	
	Examiner Christopher E. Lee	Art Unit 2112	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 September 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Receipt Acknowledgement

1. Receipt is acknowledged of the Amendment filed on 7th of September 2004. Claims 1, 18, 21, 26, 29 and 31 have been amended; no claim has been canceled; and no claim has been newly added since the
5 Non-Final Office Action was mailed on 25th of June 2004. Currently, claims 1-31 are pending in this application.

Examiner's Notice

2. The Amendment document in the Response is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121, as amended on June 30, 2003 (*See 68 Fed. Reg. 38611*, Jun. 30,
10 2003). In fact, the claim status of the claim 21 is not (Original), but (Currently amended). See MPEP 714 [R-2] and 37 CFR 1.121(c). Appropriate correction is required.

Claim Rejections - 35 USC § 103

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
15 4. Claims 1-16 and 18-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Athing et al. [US 5,987,498 A; hereinafter Athing] in view of Martin, Jr. et al. [US 2002/0122061 A1; hereinafter Martin, Jr.].

Referring to claim 1, Athing discloses a communications system (i.e., credit card operated computer on-line service communication system; See title and col. 1, lines 6-8) providing user
20 configuration (See col. 3, lines 13-15), comprising: at least one communications device (i.e., terminals at remote sites 34 in Figs. 1 and 2) configurable for a plurality of users (See col. 3, lines 13-30); a configuration request message (i.e., a message for user log-on session 202 in Fig. 6) generated by said communications device to initiate a configuration of said communications device (i.e., terminal at remote site is initiated the configuration with a specific user configuration by the user log-on procedure; See col.

7, lines 5-59); and a configuration response message (i.e., a retrieved user configuration 212 in Fig. 6) received by said communications device (i.e., terminal) to enable configuration of said communications device (See col. 3, lines 13-30), wherein said configuration response message (i.e., retrieved user configuration 212 in Fig. 6) includes configuration information (i.e., configuration data) associated with at least one of said plurality of users (See col. 7, lines 35-37 and 40-48).

Athing does not teach said configuration response message includes configuration information being associated with at least one of said communications devices.

Martin, Jr. discloses a configurable man-machine interface (See Abstract and Fig. 4), wherein a configuration response message (i.e., Configuration data 350 in Fig. 3) includes configuration information (i.e., screen configuration information; See Paragraph [0031]) being associated with a combination of at least one of communications devices (i.e., form of screen display for mobile device 350 in Fig. 3B; See Paragraph [0032]) and at least one of a plurality of users (See Paragraph [0031], lines 5-8; i.e., wherein in fact that the user interface controller stores the screen configuration information in the account information storage area such that it can be associated with individual or groups of subscribers inherently implies that said configuration information is associated with at least one of a plurality of users).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined said configuration information being associated with at least one of communications devices (e.g., remote wireless computing device 216 of Fig. 2A), as disclosed by Martin, Jr., with said configuration information being associated with at least one of a plurality of users, as disclosed by Athing, for the advantage of providing that a user interface for said communication device (i.e., remote wireless computing device) is able to be modified, configured or designed after said communication device is manufactured, and further, a complete screen control is available (See Martin, Jr., Paragraph [0056]).

Referring to claim 2, Athing teaches a remote computer (i.e., control center 38 of Fig. 2) for generating said configuration response message (i.e., retrieving user configuration, which is stored in at the central control site inherently anticipates that a remote computer (control center) generates said configuration response message (user configuration data); See col. 3, lines 13-15).

5 *Referring to claim 3*, Athing teaches a plurality of configuration files (i.e., data files in configuration data server 68 of Fig. 3) associated with said plurality of users (See col. 5, lines 54-57).

Referring to claim 4, Athing teaches said configuration files (i.e., configuration data file) include at least one of authorization (See col. 3, lines 15-18), application (i.e., on-line network service; See col. 7, lines 25-39) and settings information associated with at least one user (e.g., display setting; See col. 3,
10 lines 28-30).

Referring to claim 5, Athing teaches a user identification service (i.e., steps 202, 204 and 206 in Fig. 3) for processing login information (viz., log-on information) associated with at least one user (See col. 7, lines 9-24 and col. 10, lines 21-34).

Referring to claim 6, Athing teaches said login information includes at least one of a user name
15 (i.e., Account name in Fig. 10) and a password (i.e., Password in Fig. 10).

Referring to claim 7, Athing teaches a message service (i.e., steps 202, 204 and 206 in Fig. 3) for transmitting login information (viz., log-on information) associated with at least one user (See col. 7, lines 5-34).

Referring to claim 8, Athing teaches a configuration service (i.e., step 212 in Fig. 3) for
20 processing (i.e., retrieval processing) said configuration response message (i.e., retrieved user configuration 212 in Fig. 6; See col. 7, lines 44-45) and updating (viz., setting up) said communications device (i.e., terminal at remote site 34 in Figs. 1 and 2) with said configuration information (See col. 7, lines 25-39).

Referring to claim 9, Athing teaches a logout service (i.e., log-off process) for sending updated user configuration information (i.e., saving any changed user configuration data received; See col. 13, lines 5-18).

Referring to claim 10, Athing teaches a user request service (i.e., steps 202, 204 and 206 in Fig. 3) for processing a login request (viz., starting user log-on session) associated with at least one user (See col. 7, lines 5-34).

Referring to claim 11, Athing teaches an authentication service (i.e., step 206 in Fig. 3) for verifying configurations that a user can access (See col. 14, lines 58-67).

Referring to claim 12, Athing teaches a record locate service (i.e., step 210 in Fig. 3) for searching (i.e., collecting) for configurations associated with a user (See col. 7, lines 30-37).

Referring to claim 13, Athing teaches a configuration message service (i.e., configuration retrieval processing step 212 in Fig. 3) for sending configuration information in said configuration response message (See col. 7, lines 40-48; i.e., wherein in fact that the user configuration data is retrieved from the central control site inherently anticipates a configuration message service for sending configuration information in said configuration response message).

Referring to claim 14, Athing teaches an update service (i.e., step 220 in Fig. 3) for updating configuration information (i.e., saving changed configuration data) that has changed by said user (See col. 7, lines 45-59).

Referring to claims 15 and 16, Athing teaches said communications device (i.e., terminal at remote site 34 in Figs. 1 and 2) is updated (viz., being set up) with a plurality of applications, i.e., at least one application (i.e., a plurality of user log-on sessions), associated setting(s) (i.e., associated with user's configuration data, e.g., screen formats, screen colors, etc.; See col. 7, lines 25-39).

Referring to claim 18, Athing discloses a method (See Figs. 6 and 7) providing a configurable communication device (i.e., terminal at remote site 34 in Figs. 1 and 2; See col. 3, lines 13-15),

comprising: generating a configuration request message (i.e., initiating a configuration with a specific user configuration message for user log-on session 202 in Fig. 6; See col. 7, lines 5-59); generating a configuration response message (i.e., a retrieved user configuration 212 in Fig. 6) including configuration information (i.e., configuration data) for said communications device (i.e., terminal at remote site) based upon said configuration request message (i.e., retrieved user configuration 212 in Fig. 6; See col. 7, lines 35-37 and 40-48); and configuring said communications device (i.e., terminal at the remote site) with said configuration information in said configuration response message (See col. 3, lines 13-30).

Athing does not teach said configuration response message includes configuration information being associated with at least one communications device.

- 10 Martin, Jr. discloses a configurable man-machine interface (See Abstract and Fig. 4), wherein a configuration response message (i.e., Configuration data 350 in Fig. 3) includes configuration information (i.e., screen configuration information; See Paragraph [0031]) being associated with a combination of at least one of communications device (i.e., form of screen display for mobile device 350 in Fig. 3B; See Paragraph [0032]) and at least one of a plurality of users (See Paragraph [0031], lines 5-8; i.e., wherein in
- 15 fact that the user interface controller stores the screen configuration information in the account information storage area such that it can be associated with individual or groups of subscribers inherently implies that said configuration information is associated with at least one of a plurality of users).

- Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined said configuration information being associated with at least one of
- 20 communications device (e.g., remote wireless computing device 216 of Fig. 2A), as disclosed by Martin, Jr., with said configuration information being associated with at least one of a plurality of users, as disclosed by Athing, for the advantage of providing that a user interface for said communication device (i.e., remote wireless computing device) is able to be modified, configured or designed after said

communication device is manufactured, and further, a complete screen control is available (See Martin, Jr., Paragraph [0056]).

Referring to claim 19, Athing teaches sending an update message (i.e., sending a changed configuration data) from said communications device (i.e., terminal at remote site 34 in Figs. 1 and 2) to indicate user changes in said configuration information (See step 210 in Fig. 6; See col. 7, lines 45-52 and col. 7, line 66 through col. 8, line 7).

Referring to claim 20, Athing teaches updating records associated with said user changes in said configuration information (i.e., saving any changed user configuration data received; See col. 13, lines 5-18).

Referring to claim 21, Athing teaches transmitting login information (viz., log-on information) associated with a user (i.e., steps 202, 204 and 206 in Fig. 3; See col. 7, lines 9-24 and col. 10, lines 21-34).

Referring to claim 22, Athing teaches said login information includes at least one of a user name (i.e., Account name in Fig. 10) and a password (i.e., Password in Fig. 10).

Referring to claim 23, Athing teaches authenticating said login information (i.e., step 206 in Fig. 3; See col. 14, lines 58-67).

Referring to claim 24, Athing teaches generating an error message if said authentication fails (i.e., step 206 in Fig. 3; See col. 7, lines 19-23).

Referring to claim 25, Athing teaches generating a logout message (i.e., log-off process) to transmit updated user configuration information (i.e., saving any changed user configuration data received; See col. 13, lines 5-18).

Referring to claim 26, Athing discloses a system (i.e., credit card operated computer on-line service communication system; See title and col. 1, lines 6-8) providing a configurable communication device (i.e., terminal at remote site 34 in Figs. 1 and 2; See col. 3, lines 13-15), comprising: means for

generating a configuration request message (i.e., means for initiating a configuration with a specific user configuration message for user log-on session 202 in Fig. 6; See col. 7, lines 5-59); means for generating a configuration response message (i.e., means for retrieving user configuration 212 in Fig. 6) including configuration information (i.e., configuration data) for said communications device (i.e., terminals at remote sites 34 in Figs. 1 and 2) based upon said configuration request message (i.e., retrieved user configuration 212 in Fig. 6; See col. 7, lines 35-37 and 40-48); and means for configuring said communications device (i.e., terminal at the remote site) with said configuration information in said configuration response message (See col. 3, lines 13-30).

Athing does not teach said configuration response message includes configuration information being associated with at least one communications device.

Martin, Jr. discloses a configurable man-machine interface (See Abstract and Fig. 4), wherein a configuration response message (i.e., Configuration data 350 in Fig. 3) includes configuration information (i.e., screen configuration information; See Paragraph [0031]) being associated with a combination of at least one of communications device (i.e., form of screen display for mobile device 350 in Fig. 3B; See Paragraph [0032]) and at least one of a plurality of users (See Paragraph [0031], lines 5-8; i.e., wherein in fact that the user interface controller stores the screen configuration information in the account information storage area such that it can be associated with individual or groups of subscribers inherently implies that said configuration information is associated with at least one of a plurality of users).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined said configuration information being associated with at least one of communications device (e.g., remote wireless computing device 216 of Fig. 2A), as disclosed by Martin, Jr., with said configuration information being associated with at least one of a plurality of users, as disclosed by Athing, for the advantage of providing that a user interface for said communication device (i.e., remote wireless computing device) is able to be modified, configured or designed after said

communication device is manufactured, and further, a complete screen control is available (See Martin, Jr., Paragraph [0056]).

Referring to claim 27, Athing teaches means for sending an update message (i.e., means for sending a changed configuration data) from said communications device (i.e., terminal at remote site 34 in Figs. 1 and 2) to indicate user changes in said configuration information (See step 210 in Fig. 6; See col. 7, lines 45-52 and col. 7, line 66 through col. 8, line 7).

Referring to claim 28, Athing teaches means for updating records associated with said user changes in said configuration information (i.e., means for saving any changed user configuration data received; See col. 13, lines 5-18).

Referring to claim 29, Athing discloses a communications system (i.e., credit card operated computer on-line service communication system; See title and col. 1, lines 6-8) providing user configuration (See col. 3, lines 13-15), comprising: at least one remote computer (i.e., control center 38 of Fig. 2) for storing configurations associated with a plurality of users (See col. 3, lines 13-18); a configuration request message (i.e., a message for user log-on session 202 in Fig. 6) processed by said remote computer (i.e., control center) to determine configurations associated with said plurality of users (See col. 7, lines 5-59); and a configuration response message (i.e., a retrieved user configuration 212 in Fig. 6) generated by said remote computer, wherein said configuration response message (i.e., retrieved user configuration 212 in Fig. 6) includes configuration information (i.e., configuration data) associated with at least one of said plurality of users (See col. 7, lines 35-37 and 40-48).

Athing does not teach said configuration response message includes configuration information being associated with at least one communications devices.

Martin, Jr. discloses a configurable man-machine interface (See Abstract and Fig. 4), wherein a configuration response message (i.e., Configuration data 350 in Fig. 3) includes configuration information (i.e., screen configuration information; See Paragraph [0031]) being associated with a combination of at

least one of communications devices (i.e., form of screen display for mobile device 350 in Fig. 3B; See Paragraph [0032]) and at least one of a plurality of users (See Paragraph [0031], lines 5-8; i.e., wherein in fact that the user interface controller stores the screen configuration information in the account information storage area such that it can be associated with individual or groups of subscribers inherently implies that said configuration information is associated with at least one of a plurality of users).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined said configuration information being associated with at least one of communications device (e.g., remote wireless computing device 216 of Fig. 2A), as disclosed by Martin, Jr., with said configuration information being associated with at least one of a plurality of users, as disclosed by Athing, for the advantage of providing that a user interface for said communication device (i.e., remote wireless computing device) is able to be modified, configured or designed after said communication device is manufactured, and further, a complete screen control is available (See Martin, Jr., Paragraph [0056]).

Referring to claim 30, Athing teaches a communications device (i.e., terminal at remote site 34 in Figs. 1 and 2) for receiving (i.e., retrieving) said configuration response message (i.e., a retrieved user configuration 212 in Fig. 6; See col. 7, lines 44-45) and utilizing said configuration information to configure (viz., setting up) said communications device according (i.e., terminal) to at least one of said plurality of users (See col. 7, lines 25-39).

Referring to claim 31, Athing discloses a communications system (i.e., credit card operated computer on-line service communication system; See title and col. 1, lines 6-8) providing user configuration (See col. 3, lines 13-15), comprising: at least one communications device (i.e., terminals at remote sites 34 in Figs. 1 and 2) configurable for a plurality of users (See col. 3, lines 13-30); at least one remote computer (i.e., control center 38 of Fig. 2) for storing configuration information (i.e., user configuration data) associated with said plurality of users (See col. 3, lines 13-18); a configuration request

message (i.e., a message for user log-on session 202 in Fig. 6) generated by said communications device to initiate a configuration of said communications device (i.e., terminal at remote site is initiated the configuration with a specific user configuration by the user log-on procedure; See col. 7, lines 5-59); and a configuration response message (i.e., a retrieved user configuration 212 in Fig. 6) generated by said

5 remote computer (i.e., control center) to enable configuration of said communications device (See col. 3, lines 13-30), wherein said configuration response message (i.e., retrieved user configuration 212 in Fig. 6) includes configuration information (i.e., configuration data) associated with at least one of said plurality of users (See col. 7, lines 35-37 and 40-48).

Athing does not teach said configuration response message includes configuration information being
10 associated with one or more (viz., at least one) communications devices.

Martin, Jr. discloses a configurable man-machine interface (See Abstract and Fig. 4), wherein a configuration response message (i.e., Configuration data 350 in Fig. 3) includes configuration information (i.e., screen configuration information; See Paragraph [0031]) being associated with a combination of at least one of communications device (i.e., form of screen display for mobile device 350 in Fig. 3B; See
15 Paragraph [0032]) and at least one of a plurality of users (See Paragraph [0031], lines 5-8; i.e., wherein in fact that the user interface controller stores the screen configuration information in the account information storage area such that it can be associated with individual or groups of subscribers inherently implies that said configuration information is associated with at least one of a plurality of users).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was

20 made to have combined said configuration information being associated with at least one of communications device (e.g., remote wireless computing device 216 of Fig. 2A), as disclosed by Martin, Jr., with said configuration information being associated with at least one of a plurality of users, as disclosed by Athing, for the advantage of providing that a user interface for said communication device (i.e., remote wireless computing device) is able to be modified, configured or designed after said

communication device is manufactured, and further, a complete screen control is available (See Martin, Jr., Paragraph [0056]).

5 Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Athing [US 5,987,498 A] in view of Martin, Jr. [US 2002/0122061 A1] as applied to claims 1-16 and 18-31 above, and further in view of Aho et al. [US 6,198,941 B1; hereinafter Aho].

Referring to claim 17, Athing, as modified by Martin, Jr., discloses all the limitations of the claim 17 except that does not expressly teach said communications device comprises at least one of a Personal Digital Assistant (PDA), palm pilot, cell phone, pager, and laptop computer.

10 Aho discloses a method of operating a portable communication device (See col. 1, lines 5-14), wherein said portable communication device (i.e., communications device) comprises a Personal Digital Assistant (PDA), palm pilot, cell phone, and laptop computer (See col. 3, line 64 through col. 4, line 2).

15 Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have used said portable communication device with said method of operation, as disclosed by Aho, for said communications device in said system, as disclosed by Athing, so as to change the communication arrangement (i.e., changes in the network or link level protocol parameters) that said communications device is using if the change is determined to be imminent and significant (See Aho, col. 2, lines 31-43).

Response to Arguments

20 Applicant's arguments filed on 7th of September 2004 (hereinafter the Response) have been fully considered but they are not persuasive.

In response to the Applicant's argument with respect to "Claim 16 recites wherein the communications device is updated with a plurality of applications and associated setting. As discussed *supra*, Athing *et al.* does not describe storing or transmitting configuration information associated with

multiple applications. ..." on the Response page 8, lines 8-14, the Examiner believes that the Applicant misinterprets the claim rejection.

In contrary to the Applicant's assertion, it is noted that the features upon which applicant relies (i.e., storing or transmitting configuration information associated with multiple applications) are not recited in the rejected claim. Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Thus, the Applicant's argument on this point is not persuasive.

In response to the Applicant's argument with respect to "Claim 17 recites wherein the communications device further comprises at least one of a Personal Digital Assistance (PDA), palm pilot, cell phone, pager, and laptop computer. As concerned in the Office Action, Athing et al. fails to teach these novel aspects of the subject claim. Further, Aho et al. fails to teach or suggest any type of user based configurability. ... These changes are not based on any user specific configurations as in applicant's claimed invention. Accordingly, withdrawal of this rejection is respectfully requested." on the Response page 8, line 21 through page 9, line 2, the Examiner believes that the Applicant misinterprets the claim rejection.

At first, the Applicant's argument regarding the statement "Athing et al. fails to teach these novel aspects of the subject claim" fail to comply with 37 CFR 1.111(b) because it amounts to a general allegation that the claims define a patentable invention without specifically pointing out how the language of the claims patentably distinguishes them from the reference Athing.

Secondly, the Applicant essentially argues that Aho fails to teach or suggest any type of user based configurability. However, Athing already taught the asserted limitation "user based configurability" in its prior claim 1 rejection. Thus, the combination of Athing, Martin, Jr. and Aho with rationale for the proper combining suggests all the limitations of the claimed invention in the claim 17.

Thus, the Applicant's argument on this point is not persuasive.

7. Applicant's arguments with respect to claims 1, 18, 26, 29 and 31 have been considered but are moot in view of the new ground(s) of rejection.

In response to the Applicant's arguments with respect to "Applicant's invention claims a configuration information that is associated with a combination of both a communications device and a user" in the claims 1, 18, 26, 29 and 31, respectively, the Examiner brought Martin, Jr. reference in the rejection for the limitations which are not provided by Athing and Aho and all of the other art cited.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Paul [US 6,687,817 B1] discloses configuration of a network device via the network.

Ryu [US 6,697,852 B1] discloses one click installation for client-server application package.

Kamper [US 6,654,797 B1] discloses apparatus and a methods for server configuration using a removable storage device.

Stone [US 5,784,555 A] discloses automation and dial-time checking of system configuration for internet.

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

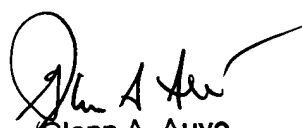
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher E. Lee whose telephone number is 571-272-3637. The examiner can normally be reached on 9:30am - 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark H. Rinehart can be reached on 571-272-3632. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Christopher E. Lee
Examiner
Art Unit 2112

cel/ *CEL*


Glenn A. Auve
Primary Patent Examiner
Technology Center 2100